INTERNATIONAL SEARCH REPORT

PCT/GB2004/004944 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L21/18 H01L H01L21/266 According to international Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 HO1L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. QIAN Y H ET AL: "Three band-gap OW 1-23 intermixing in InP/InGaAs/InGaAsP system for monolithically integrated optical switch" LASERS AND ELECTRO-OPTICS SOCIETY ANNUAL MEETING, 1998. LEOS '98. IEEE ORLANDO, FL. USA 1-4 DEC. 1998, PISCATAWAY, NJ. USA, IEEE, US, vol. 2, 1 December 1998 (1998-12-01). pages 194-195, XP010317604 ISBN: 0-7803-4947-4 cited in the application page 195, line 3 - line 18 -/--X Further documents are listed in the continuation of box C. X Potent family members are listed in annex. Special categories of cited documents: The later document published after the international filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention. "A" document defining the general state of the lart which is not considered to be of particular relevance. "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive slep when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or *P* document published prior to the International filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 2 March 2005 11/03/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaen 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl.

Fax: (+31-70) 340-3016

Meacher, D

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